

WHAT IS CLAIMED IS:

1. An electrolytic capacitor comprising:

a capacitor device formed with anode and cathode parts; and

5 a substrate having one face formed with an anode electrode pattern connected to the anode part and a cathode electrode pattern connected to the cathode part, the anode and cathode electrode patterns being adjacent to each other, the substrate being further formed with a first conductive path extending along a thickness of the substrate from the anode electrode pattern to the other face and a second conductive path extending along the thickness of the substrate from the cathode electrode pattern to the other face;

15 wherein the first conductive path is lopsidedly located in a marginal area of the anode electrode pattern on the cathode electrode pattern side; and wherein the second conductive path is lopsidedly located in a marginal area of the cathode electrode pattern on the anode electrode pattern side.

20 2. An electrolytic capacitor according to claim 1, wherein the anode electrode pattern is formed with a plurality of first conductive paths, the cathode electrode pattern being formed with the same number of second conductive paths as that of the first conductive paths; and

25 wherein the first and second conductive paths

corresponding to each other align with each other along a direction in which the anode and cathode electrode patterns align with each other.

3. An electrolytic capacitor according to claim 1,  
5 wherein each of the first and second conductive paths has a cross section extending in one direction, and wherein the first and second conductive paths corresponding to each other extend in parallel.

4. An electrolytic capacitor comprising a capacitor  
10 device having a plurality of anode parts formed on a base and a cathode part formed at an outer surface of the base excluding the anode parts; and

a substrate having one face formed with a plurality of anode electrode patterns connected to the respective anode  
15 parts and a cathode electrode pattern connected to the cathode part, the anode and cathode electrode patterns being adjacent to each other, the substrate being further formed with a first conductive path extending along a thickness of the substrate from each anode electrode pattern to the other  
20 face and a second conductive path extending along the thickness of the substrate from the cathode electrode pattern to the other face;

wherein the first conductive path is lopsidedly located in a marginal area of each anode electrode pattern  
25 on a side where the cathode electrode pattern is positioned, and wherein the second conductive path is lopsidedly located

in each of a plurality of marginal areas of the cathode electrode pattern where the respective anode electrode patterns are positioned.

5        5.     An electrolytic capacitor according to claim 4, wherein the cathode electrode pattern is formed with a cathode protruded pattern part projecting so that the cathode protruded pattern part is interposed between adjacent anode electrode patterns; and

10        wherein the second conductive paths are lopsidedly located in two marginal areas on respective sides of the cathode protruded pattern part where the adjacent anode electrode patterns are positioned.

15        6.     An electrolytic capacitor according to claim 4, wherein the cathode electrode pattern is formed with a plurality of cathode protruded pattern parts projecting so that one of the anode electrode patterns is interposed between adjacent cathode protruded pattern parts; and

20        wherein the first conductive paths are lopsidedly located in two marginal areas of the anode electrode pattern held between the cathode protruded pattern parts where the respective cathode protruded pattern parts are positioned.

25        7.     An electrolytic capacitor according to claim 5, wherein, in the anode electrode pattern and cathode protruded pattern part adjacent each other, marginal areas opposing each other are formed with a plurality of first conductive paths and a plurality of second conductive paths

whose number is the same as that of the first conductive paths; and

5 wherein the first and second conductive paths corresponding to each other align with each other along a direction in which the anode electrode pattern and the cathode protruded pattern part align with each other.

8. An electrolytic capacitor according to claim 4, wherein each of the first and second conductive paths has a cross section extending in one direction, and wherein the  
10 first and second conductive paths corresponding to each other extend in parallel.